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PATENT
Attorney Docket No. 030449

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Zhang, et al. :
Group Art Unit: 1626 : Title: NEW FLUOROUS TAGGING AND
Serial No.: 10/617,431 : SCAVENGING REACTANTS AND
Filing Date: July 11, 2003 : METHODS OF SYNTHESIS AND
USE THEREOF

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pittsburgh, Pennsylvania 15222
February 4, 2005

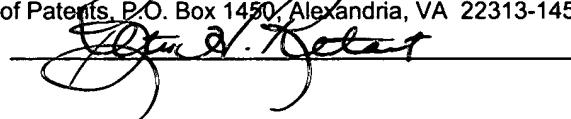
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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants, in accordance with their duty of disclosure pursuant to 37 C.F.R. § 1.56, hereby advise the United States Patent and Trademark Office of the references listed on the accompanying form PTO/SB/08A (substitute for 1449A/PTO) *Information Disclosure Statement by Applicant*. A copy of each of the non-U.S. patent references cited therein is herewith enclosed. The enclosed references were cited in the International Search Report for the corresponding PCT application.

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Applicants note that although the cited references may be relevant to the examination of the above-referenced application, under 37 C.F.R. § 1.97(h), the filing of this *Information Disclosure Statement* "shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b)." Applicants further note that the filing of this *Information Disclosure Statement by Applicant* is not an admission that the references cited herein constitute prior art under 35 U.S.C. §§ 102-103 with respect to the captioned application.

Pursuant to 37 C.F.R. § 1.97(b)(3), Applicants submit that no fee is necessary for consideration of this *Information Disclosure Statement by Applicant*. Nevertheless, the Commissioner is hereby authorized to charge any additionally required fees deemed necessary for consideration of this *Information Disclosure Statement by Applicant* to Account No. 11-1110.

Respectfully submitted,

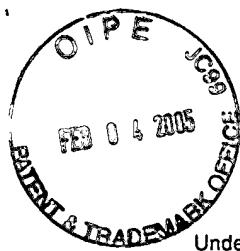


Joseph L. Kent
Registration No. 54,216

Kirkpatrick & Lockhart Nicholson Graham LLP
Henry W. Oliver Building
535 Smithfield Street
Pittsburgh, Pennsylvania 15222-2312

Telephone: (412) 355-8315
Facsimile: (412) 355-6501

Customer No. 26,285



PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
				Application Number	10/617,431
				Filing Date	07/11/03
				First Named Inventor	Wei Zhang
				Art Unit	1626
				Examiner Name	
Sheet 1		of 3	Attorney Docket Number 030449		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
		GB 1,143,481	02/19/1969	Minnesota Mining	
		DE 1925555 with Derwent English abstract	01/28/1971	Walter Blöchl	
		GB 1269096	03/29/1972	Ugine Kuhlmann	
		English Abstract of JP 62205350	09/09/1987	Konishiroku Photo Industry Co., Ltd.	
		EP 0 248 697 A1 with Derwent English abstract	12/09/1987	ATOCHEM	
		English Abstract of JP 62278551	12/03/1987	Konica Co.	
		EP 0 354 297 A1	02/14/1990	Mitsui Toatsu Chemicals, Inc.	
		EP 0 468 531 A1	01/29/1992	Fuji Photo Film Co.	
		English Abstract of JP 07207021	08/08/1995	Tomoegawa Paper Co. Ltd.	
		WO 98/25916	06/18/1998	C&C Research Laboratories	
		WO 01/61332 A1	08/23/2001	University of Pittsburgh	

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/617,431
				Filing Date	07/11/03
				First Named Inventor	Wei Zhang
				Art Unit	1626
				Examiner Name	
Sheet	2	of	3	Attorney Docket Number	030449

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T ²
		International Search Report from PCT/US03/21686, International Filing Date 11/07/2003, Fluorous Technologies		
		KISS, et al., "An improved design of fluorophilic molecules: prediction of the In P fluorous partition coefficient, fluorophilicity, using 3D QSAR descriptors and neural networks"; Journal of Fluorine Chemistry, 108 (2001) 95-109.		
		KLEIJN, et al., "Synthesis of Arylzinc Thiolates Containing Perfluoroalkyl Chains. Model Catalyst Precursors for the Enantioselective Zinc-Mediated 1,2-Addition of Dialkylzincs to Aldehydes in Fluorous Biphasic Systems"; Organic Letters, (1999), Vol. 1(6), 853-855.		
		SCHWINN, et al., "Perfluoro-Tagged Benzyloxycarbonyl Protecting Group and Its Application in Fluorous Biphasic Systems"; Helvetica Chimica Acta, Vol. 85 (2002), 255-264.		
		FILIPPOV, et al., "Use of benzyloxycarbonyl (Z)-based fluorophilic tagging reagents in the purification of synthetic peptides"; Tetrahedron Letters, 43 (2002) 7809-7812.		
		CURRAN, et al., "Synthesis and Reactions of Fluorous Carbobenzyloxy (Cbz) Derivatives of α -Amino Acids"; Journal of Organic Chemistry, (2003), 68, 4643-4647.		
		BROWN, et al., "Preparation of N-1,1-di-H-perfluoroalkyl Amines"; Journal of Organic Chemistry, (1957), 22, 454.		
		ALLOUCH, et al., "Synthèses et réactivité avec des nucléophiles de sels de perfluoroalkylméthylèneoxy(trisdiméthylamino) phosphonium"; Journal of Fluorine Chemistry, 66 (1994) 31-38.		
		BILLARD, et al., "Reactivity of Stable Trifluoroacetaldehyde Hemiaminals. 2. Generation and Synthetic Potentialities of Fluorinated Iminiums"; J. Org. Chem., (2002), 67, 997-1000.		
		LINDSLEY, et al., "Fluorous-tethered quenching reagents for solution phase parallel synthesis"; Tetrahedron Letters, 43 (2002) 4225-4228.		

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NON PATENT LITERATURE DOCUMENTS

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